

**In The Claims:**

Claim 1. (original) A fabrication method for a biochip, comprising:  
providing a micro-carrier, wherein the micro-carrier is already labeled with an identification code;

performing a surface modification procedure to modify a surface of the micro-carrier to an aminated surface; and

performing a solid-phase peptide synthesis step to synthesize a peptide with a specific amino acid sequence on the aminated surface of the micro-carrier.

Claim 2. (original) The method of claim 1, wherein the surface modification procedure comprises:

covering the surface of micro-carrier with a silicon dioxide layer; and

using 3-aminopropyltriethoxysilane to modify the silicon dioxide surface of the micro-carrier to the aminated surface.

Claim 3. (original) The method of claim 1, wherein a material for forming the micro-carrier is a high molecular weight material.

Claim 4. (original) The method of claim 1, wherein a material for forming the micro-carrier comprises polyethylene terephthalate (PET).

Claim 5. (original) The method of claim 1, wherein the identification code on the micro-carrier is a bar code or a number code.

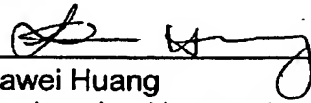
**Claims 6-16 (canceled)**

No new matter has been added to the application by the amendments made to the claims.

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Respectfully submitted,  
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